Atty. Docket No.:

22085/2112

**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Timperman

Examiner:

Beisner, William

H.

Serial No.:

10/784,393

Filed:

February 23, 2004

Entitled:

Apparatus and Method for On-Chip

Concentration Using a Microfluidic

Device with an Integrated

Ultrafiltration Membrane Structure

Group Art Unit: 1744

Conf. No.:

8432

### CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael P, Doyle Name/of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Amendment **Commissioner for Patents** P.O. Box 1450 **Alexandria, VA 22313-1450** 

# INFORMATION DISCLOSURE STATEMENT <u>UNDER 37 CFR §§§ 1.56, 1.97 AND 1.98</u>

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(e)(1), each item contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application or International application. Please note the Wang et al. and the Xiang et al. references cited in the International Search Report was previously cited in the Information Disclosure Statement filed on July 29, 2004. Because this statement is being filed within three months of receipt of the Search Report, no fee is believed to be due. A copy of the Search Report is included and cited on the enclosed PTO-1449.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Attorney Docket No.: 22085/2112

Serial No.: 10/784,393

Page 2

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: November 11, 2004

Respectfully submitted,

Name: Michael P. Doyle Registration No.: 49,052 Customer No.: 29932 Palmer & Dodge LLP

111 Huntington Avenue Boston, MA 02199-7613

Tel: 617-239-0100

NOV 1 5 2004 00 IN

Atty. Docket No.:

22085/2112

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Timperman

Examiner:

Beisner, William

H.

Serial No.:

10/784,393

Filed:

February 23, 2004

Entitled:

Apparatus and Method for On-Chip

Concentration Using a Microfluidic

Device with an Integrated

Ultrafiltration Membrane Structure

Group Art Unit:

1744

Conf. No.:

8432

### CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael P. Doyle

Name of Person Mailing Paper

Signature of Person Making Paper

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO-1449 listing 3 references;
- 3. Copies of 1 non U.S. Patent Reference; and
- 4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 22085/2112. A duplicate of this transmittal letter is enclosed for this purpose.

Date:

November 11, 2004

Respectfully submitted,

Name: Michael P. Boyle Registration No.: 49,052 Customer No.: 29932 Palmer & Dodge LLP 111 Huntington Avenue Boston, MA 02199-7613

Tel: 617-239-0100

NOV 1 5 2004

SPTO Form 14491. U.S. Department of Commerce				Attorney Docket No.		Serial No.			
INFORMATION DISCLOSURE STATEMENT				22085/211		10/784,393			
				Applicant(s): Timperman					
				Filing Date: February 23, 2004			Group: 1744		
U.S. PATI	ENT DO	CUMENTS				,			
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)  March 15, 1995  August 31, 1994		
		5,540,826	July 30, 1996	Bier et al.	204	610			
la.		5,856,082	January 5, 1999	Aebersold et al.	435	4			
•									
•									
FOREIGN	I PATEI	NT DOCUMENTS							
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation		
							YES	NO	
								]	
OTHER D	OCUM	ENTS (including Aut	hor, Title, Date, Perti	nent Pages, etc.)					
	A								
	_			-			-		
EXAMINER					DATE C	DATE CONSIDERED			
*EXAMINER: I	Initial if refere	ence considered, whether or not cital	tion is in conformance with MPEP 6	09. Draw line through citation if no	ot in conformance a	and not considered	i. Include copy of th	is form with	
		ovided at the time of this submission	·						